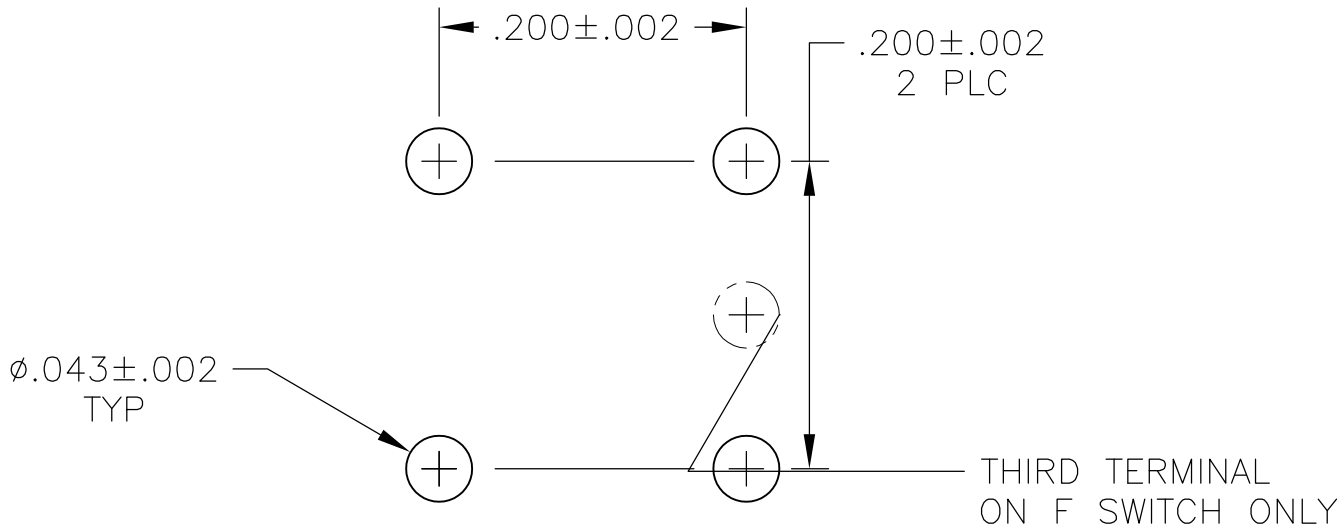
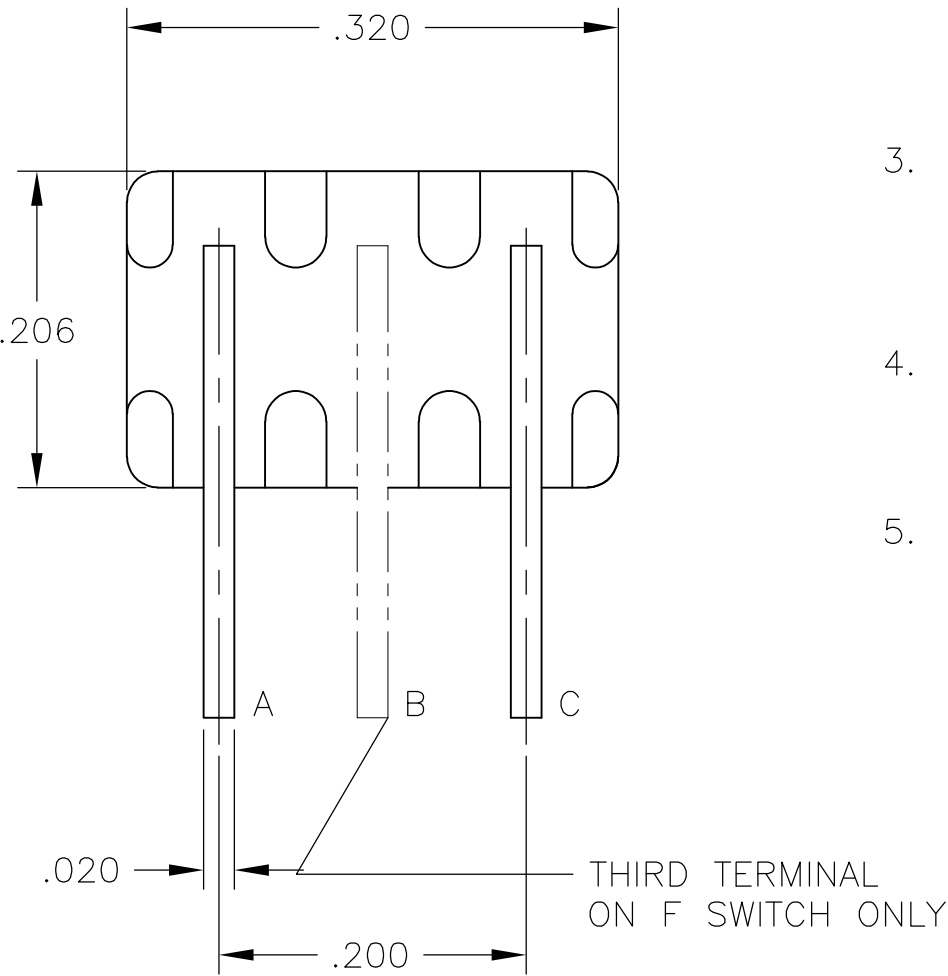
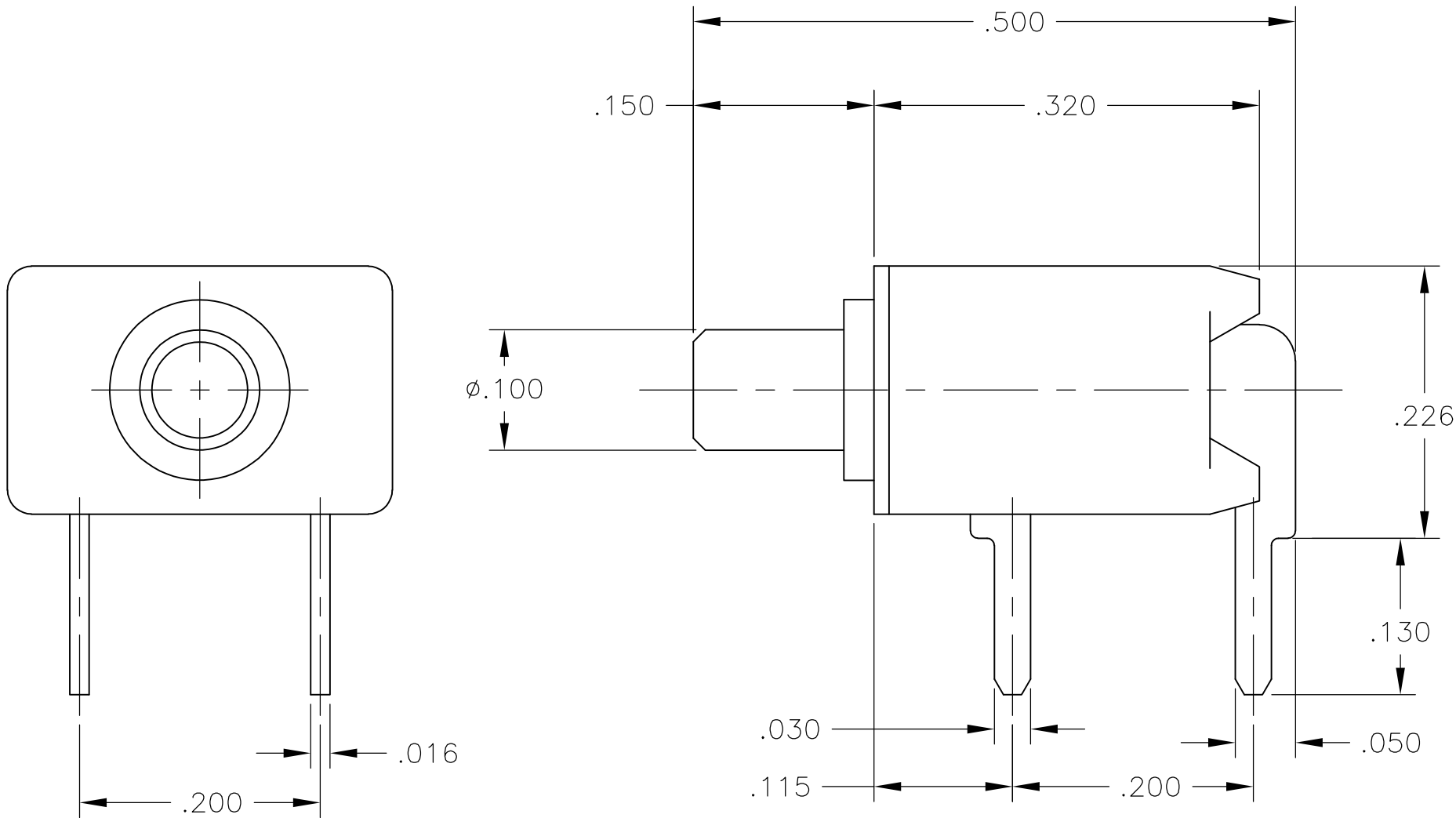


LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			B1	REVISED PER ECO-11-005027	11MAR11	RK	HMR

NOTES:

1. **MATERIALS:**
CASE: THERMOPLASTIC, UL94-V0.
ACTUATOR BUTTON: THERMOPLASTIC, COLORS: SEE CHART
MOVING CONTACT: COPPER ALLOY, GOLD PLATED
FIXED CONTACT: COPPER ALLOY, GOLD PLATED
TERMINALS: COPPER ALLOY, TIN-LEAD PLATED
TERMINAL SEAL: SP EPOXY
2. **ELECTRICAL:**
CONTACT RATING GOLD: 0.4 VA MAX @ 20 VDC OR PEAK AC
INITIAL CONTACT RESISTANCE: 20 MILLIOHMS MAX
INSULATION RESISTANCE: 1,000 MEGOHMS AT 500 VDC MIN.
DIELECTRIC STRENGTH: 1,000 VOLTS
LIFE EXPECTANCY: 1 POLE = 1000,000 CYCLES
2 POLES = 80,000 CYCLES.
3. **MECHANICAL:**
ACTUATION FORCE: SEE TABLE
ACTUATION TRAVEL: .030 APPROX.
4. **ENVIRONMENTAL:**
OPERATING TEMPERATURE: -22°F TO +149°F (-30°C TO +65°C)
STORAGE TEMPERATURE: -22°F TO +149°F (-30°C TO +65°C)
5. INTERPRET DRAWING PER ASME Y14.5M-1984



RECOMMENDED PCB LAYOUT

12 oz [.34Kg]	BLUE	B TO C (MOM.)	B TO A	SPDT MOMENTARY	TPA11FGRA6	3-1437571-9
12 oz [.34Kg]	RED	B TO C (MOM.)	B TO A	SPDT MOMENTARY	TPA11FGRA2	3-1437571-8
12 oz [.34Kg]	BLACK	B TO C (MOM.)	B TO A	SPDT MOMENTARY	TPA11FGRA0	3-1437571-6
9 oz [.26Kg]	BLUE	A TO C	NONE	SPST NORMALLY OPEN	TPA11CGRA6	3-1437571-1
9 oz [.26Kg]	RED	A TO C	NONE	SPST NORMALLY OPEN	TPA11CGRA2	3-1437571-0
9 oz [.26Kg]	BLACK	A TO C	NONE	SPST NORMALLY OPEN	TPA11CGRA0	2-1437571-9
ACTUATION FORCE	BUTTON COLOR	DEPRESSED BUTTON	FREE BUTTON	ACTION	AUGAT PART NUMBER	PART NUMBER
		CONTACTS				

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

MATERIAL

SEE TABLE

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± .010

4 PLC ± -

ANGLES ± 1°

FINISH -

DWN M.BINNER 13DEC2001

CHK M.ZITTO 04DEC01

APVD M.ZITTO 04DEC01

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME TPA11CG/FG-RA , SWITCH, PUSH BUTTON

SIZE A2

CAGE CODE 00779

DRAWING NO C=2-1437571-9

RESTRICTED TO -

SCALE 8:1

SHEET 1 of 1

REV B1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[3-1437571-0](#) [TPA11CGRA2](#)